Comparisons of Job Characteristics

Focus Occupation: Respiratory Therapists (29-1126)
Associated Occupation: Cardiovascular Technologists and Technicians (29-2031)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: Respiratory Therapists (29-1126)
Associated Occupation: Cardiovascular Technologists and Technicians (29-2031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Customer and Personal Service	11.3	18.0	21.9	>>	Current knowledge level is likely more than sufficient
Medicine and Dentistry	3.7	17.4	17.9	0	Current knowledge level may be sufficient
Biology	3.7	9.9	12.2	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 94

Focus Occupation: Respiratory Therapists (29-1126)
Associated Occupation: Cardiovascular Technologists and Technicians (29-2031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Monitoring	9.9	11.6	13.3	>	Skill level is likely sufficient
Science	4.5	10.6	10.7	0	Current skill level may be sufficient
Service Orientation	7.9	10.5	11.5	0	Current skill level may be sufficient
Operation Monitoring	6.6	10.1	9.2	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities — Similarity of Focus Occupation to Associated Occupation: 97

Focus Occupation: Respiratory Therapists (29-1126)
Associated Occupation: Cardiovascular Technologists and Technicians (29-2031)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Problem Sensitivity	11.1	14.8	14.3	0	Current ability level may be sufficient
Oral Comprehension	12.5	13.7	14.6	0	Current ability level may be sufficient
Oral Expression	12.4	13.6	14.4	0	Current ability level may be sufficient
Near Vision	11.1	11.4	11.6	0	Current ability level may be sufficient
Written Comprehension	11.0	11.1	12.5	>	Current ability level is likely sufficient
Information Ordering	9.9	11.0	11.6	0	Current ability level may be sufficient
Deductive Reasoning	10.6	10.7	11.5	0	Current ability level may be sufficient
Inductive Reasoning	10.2	10.7	11.8	>	Current ability level is likely sufficient
Written Expression	9.8	10.7	11.1	0	Current ability level may be sufficient
Selective Attention	8.7	10.0	8.5	<	Some improvement in abilities may be required
Perceptual Speed	7.4	9.7	9.1	0	Current ability level may be sufficient
Time Sharing	6.6	8.0	7.7	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Respiratory Therapists (29-1126)
Associated Occupation: Cardiovascular Technologists and Technicians (29-2031)

Work Activities	Exclusivity of Activity
Administer medications or treatments	46
Analyze medical data	57
Collect clinical data	56
Communicate technical information	4
Follow patient care procedures	60
Make decisions	24
Make presentations on health or medical issues	50
Observe patient condition	48
Take vital signs	56
Understand technical operating, service or repair manuals	6
Use interpersonal communication techniques	10
Use knowledge of medical terminology	40
Use sanitation practices in health care settings	48

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 65

Focus Occupation: Respiratory Therapists (29-1126)
Associated Occupation: Cardiovascular Technologists and Technicians (29-2031)

Tools and Technologies	Exclusivity
Acute care monitoring units and related products	22
Blood pressure units and related products	11
Computers	1
Data management and query software	1
Electrocardiography EKG units and related products	20
Industry specific software	1
Network applications software	1
Open heart perfusion equipment and monitors and accessories and related products	43
Oxygen therapy delivery systems and devices	13
Pulmonary function testing and treatment products	24
Pulse oximeters	18
Rehabilitation exercise devices and equipment	24
Scopes and specula and accessories for medical exam diagnostic use	23
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Syringes and accessories	14

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.